

Name: _____

p1029: Box multiplication of linear binomials (v9)

Example

Use the box method to multiply $(6x + 3)$ and $(2x + 4)$.

*	$6x$	3	
$2x$	$12x^2$	$6x$	$12x^2 + 6x + 24x + 12$
4	$24x$	12	Combine like terms.
			$12x^2 + 30x + 12$

ANSWER: $12x^2 + 30x + 12$

Question 1

Use the box method to multiply $(4x + 6)$ and $(7x + 9)$.

*	$4x$	6	
$7x$			
9			

ANSWER:

Question 2

Use the box method to multiply $(9x - 4)$ and $(8x + 5)$.

*	$9x$	-4
$8x$		
5		

ANSWER:

Question 3

Use the box method to multiply $(6x - 3)$ and $(9x + 8)$.

*		

ANSWER: